

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/036955

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/395 A61P35/00
//C07K16/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/060485 A (IDEC PHARMACEUTICALS CORPORATION; HARIHARAN, KANDASAMY; HANNA, NABIL) 8 August 2002 (2002-08-08) page 26	1-28
A	US 5 801 227 A (FANSLOW, III ET AL) 1 September 1998 (1998-09-01) the whole document	1-28
A	WO 95/17202 A (IMMUNEX CORPORATION) 29 June 1995 (1995-06-29) the whole document	1-28
A	US 5 874 082 A (DE BOER ET AL) 23 February 1999 (1999-02-23) the whole document	1-28
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

4 May 2005

Date of mailing of the International search report

17/06/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96/18413 A (THE UNIVERSITY OF BIRMINGHAM) 20 June 1996 (1996-06-20) the whole document -----	1-25

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-28 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

Application No

PCT/US2004/036955

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 02060485	A 08-08-2002	US 2002006404 A1 US 2002028178 A1 US 2002159996 A1 AU 6461201 A CA 2415100 A1 CA 2436180 A1 CA 2444661 A1 CN 1446104 A CN 1494433 A EP 1305045 A1 EP 1370292 A1 EP 1372724 A2 JP 2004502742 T JP 2005503999 T JP 2005503326 T MX PA03000306 A NO 20030128 A NO 20033417 A NO 20033418 A WO 0204021 A1 WO 02060484 A1 WO 02060485 A2 WO 03039486 A2 US 2003103971 A1 US 2003180290 A1			17-01-2002 07-03-2002 31-10-2002 21-01-2002 17-01-2002 08-08-2002 08-08-2002 01-10-2003 05-05-2004 02-05-2003 17-12-2003 02-01-2004 29-01-2004 10-02-2005 03-02-2005 05-04-2004 12-03-2003 30-09-2003 30-09-2003 17-01-2002 08-08-2002 08-08-2002 15-05-2003 05-06-2003 25-09-2003
US 5801227	A 01-09-1998	AT 255906 T AU 686230 B2 AU 7681994 A CA 2172376 A1 DE 69433406 D1 DE 69433406 T2 DK 724456 T3 EP 0724456 A1 ES 2211884 T3 FI 961285 A JP 9504169 T NO 961151 A NZ 273504 A PT 724456 T WO 9509653 A1			15-12-2003 05-02-1998 01-05-1995 13-04-1995 22-01-2004 07-10-2004 13-04-2004 07-08-1996 16-07-2004 20-03-1996 28-04-1997 21-03-1996 19-12-1997 30-04-2004 13-04-1995
WO 9517202	A 29-06-1995	AT 267607 T AU 680102 B2 AU 1516895 A CA 2179196 A1 DE 69433820 D1 DK 751781 T3 EP 0751781 A1 ES 2222463 T3 JP 9507074 T NO 962526 A NZ 278740 A NZ 329403 A PT 751781 T WO 9517202 A1 US 5674492 A			15-06-2004 17-07-1997 10-07-1995 29-06-1995 01-07-2004 09-08-2004 08-01-1997 01-02-2005 15-07-1997 23-08-1996 27-05-1998 29-09-2000 30-09-2004 29-06-1995 07-10-1997

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Information on patent family members

Internat'l Application No

PCT/US2004/036955

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5874082	A	23-02-1999	US 5677165 A US 5397703 A AT 212038 T AU 2190997 A DE 69709632 D1 DE 69709632 T2 EP 0896585 A1 WO 9731025 A1 AT 258595 T DE 69333403 D1 DE 69333403 T2 EP 0651797 A1 EP 0945465 A1 US 6056959 A US 6004552 A US 6315998 B1 US 2002106371 A1 CA 2125472 A1 JP 7509359 T JP 3514759 B2 JP 2003081871 A JP 2003119153 A US 5869050 A WO 9401547 A2 US 5747034 A	14-10-1997 14-03-1995 15-02-2002 10-09-1997 28-02-2002 08-08-2002 17-02-1999 28-08-1997 15-02-2004 04-03-2004 11-11-2004 10-05-1995 29-09-1999 02-05-2000 21-12-1999 13-11-2001 08-08-2002 20-01-1994 19-10-1995 31-03-2004 19-03-2003 23-04-2003 09-02-1999 20-01-1994 05-05-1998
WO 9618413	A	20-06-1996	AT 203676 T AU 691996 B2 AU 3988495 A CA 2207779 A1 DE 69522012 D1 DE 69522012 T2 EP 0806963 A1 FI 972484 A WO 9618413 A1 JP 10510526 T NO 972732 A NZ 296161 A	15-08-2001 28-05-1998 03-07-1996 20-06-1996 06-09-2001 25-04-2002 19-11-1997 12-06-1997 20-06-1996 13-10-1998 13-06-1997 26-10-2001